

07/21/03

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Case Docket No.: NANO-6

Sir:

Transmitted herewith for filing is the patent application of:

Inventor: David L. Carnahan
For: APPARATUS AND METHOD FOR NANOSCALE PATTERN GENERATION

Enclosed are:

- 5 sheets of drawings.
 An assignment of the invention to: _____
 A verified statement to establish small entity status.

The filing fee has been calculated as shown below:

| For: | No. Filed | No. Extra | Rate | Small Entity | | Large Entity | |
|--------------|-----------|-----------|-----------|----------------|------------|--------------|------|
| | | | | Fee | Rate | Fee | Rate |
| Basic Fee | | | | \$375.00 | | \$750.00 | |
| Total Claims | 53 - 20 | 33 | x \$ 9.00 | \$297.00 | x \$18.00 | | |
| Ind. Claims | 3 - 3 | 0 | x \$42.00 | \$0.00 | x \$ 84.00 | | |
| Mult. Claims | | | | + \$140.00 | | + \$280.00 | |
| | | | | Total \$672.00 | | | |

- Please charge my Deposit Account No. 16-0221 to cover the filing fee. A duplicate copy of this sheet is enclosed.
- A check in the amount of \$672.00 to cover the filing fee is enclosed.
- The Commissioner is hereby authorized to charge payment of the following fees associated with this communication or credit any overpayment to Deposit Account No. 16-0221. A duplicate copy of this sheet is enclosed.
- Any additional filing fees required under 37 CFR 1.16.
 - Any patent application processing fees under 37 CFR 1.17.
- The Commissioner is hereby authorized to charge payment of the following fees during the pendency of this application or credit any overpayment to Deposit Account No. 16-0221. A duplicate copy of this sheet is enclosed.
- Any patent application processing fees under 37 CFR 1.17.
 - The issue fee set in 37 CFR 1.18 at or before mailing of the Notice of Allowance, pursuant to 37 CFR 1.311(b).
 - Any filing fees under 37 CFR 1.16 for presentation of extra claims.

Respectfully submitted,

Mark J. Pandiscio 7/21/03
 Mark J. Pandiscio
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21909 U.S. PTO
 10/623678

 07/21/03

**NONPUBLICATION REQUEST
UNDER
35 U.S.C. 122(b)(2)(B)(i)**

| | |
|------------------------|---|
| First Named Inventor | David L. Carnahan |
| Title | APPARATUS AND METHOD FOR NANOSCALE PATTERN GENERATION |
| Attorney Docket Number | NANO-6 |

I hereby certify that the invention disclosed in the attached application **has not and will not be** the subject of an application filed in another country, or under a multilateral agreement, that requires publication at eighteen months after filing.

I hereby request that the attached application not be published under 35 U.S.C. 122(b).

07/21/03

Date

Mark J. Pandiscio 7/21/03

Signature

781-290-0060

Telephone number

Mark J. Pandiscio

Typed or printed name

This request must be signed in compliance with 37 CFR 1.33(b) and submitted with the application upon filing.

Applicant may rescind this nonpublication request at any time. If applicant rescinds a request that an application not be published under 35 U.S.C. 122(b), the application will be scheduled for publication at eighteen months from the earliest claimed filing date for which a benefit is claimed.

If applicant subsequently files an application directed to the invention disclosed in the attached application in another country, or under a multilateral international agreement, that requires publication of applications eighteen months after filing, the applicant **must** notify the United States Patent and Trademark Office of such filing within forty-five (45) days after the date of the filing of such foreign or international application. **Failure to do so will result in abandonment of this application (35 U.S.C. 122(b)(2)(B)(iii)).**

This collection of information is required by 37 CFR 1.213(a). The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 6 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. **SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.**

If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of: David L. Carnahan
For: APPARATUS AND METHOD FOR NANOSCALE
PATTERN GENERATION
Attorney's Docket No.: NANO-6

Date: July 21, 2003

Mail Stop Patent Application
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

FILING OF PATENT APPLICATION UNDER 37 CFR 1.10

The attached patent application is being filed under the provisions of 37 CFR 1.10.

Applicant's attorney is also submitting the requisite fee on the basis of Small Entity status, which the Applicants hereby assert, and as calculated on the attached transmittal letter.

"EXPRESS MAIL" MAILING LABEL NUMBER ER399784185US

DATE OF DEPOSIT July 21, 2003

I HEREBY CERTIFY THAT THIS PAPER OR FEE IS BEING DEPOSITED WITH THE UNITED STATES POSTAL SERVICE "EXPRESS MAIL POST OFFICE TO ADDRESSEE" SERVICE UNDER 37 CFR 1.10 ON THE DATE INDICATED ABOVE AND IS ADDRESSED TO: COMMISSIONER FOR PATENTS, PO BOX 1450, ALEXANDRIA, VA 22313-1450.

Mark J. Pandiscio

(PERSON MAILING)

Mark J. Pandiscio 7/21/03

(SIGNATURE)

Respectfully submitted,

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